

Abstract

Provided is a catalyst formulation which exhibits extended catalyst life. The formulation comprises a mixture of a ceramic foam material uniformly interspersed between the solid catalyst particles, with the volume percent of ceramic material in the mixture preferably ranging from 20 to 60 volume %. The catalyst formulation is particularly applicable to solid catalyst particles comprised of a phosphoric acid impregnated substrate, and is particularly useful for processes such as catalytic hydrocarbon condensation processes.